

**NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122
Revised 9-1-65

Type Test ☒ Initial ☐ Annual ☐ Special					Test Date 7-31-80	
Company El Paso Natural Gas Company				Connection El Paso Natural Gas Company		
Pool So. Blanco				Formation Pictured Cliff		Unit San Juan 28-6 Unit
Completion Date 7-16-80		Total Depth 5826		Plug Back TD 5807		Elevation 6456 GL
Csg. Size 7.000	Wt. 20.0	d 6.456	Set At 3552	Perforations: From 3134 To 3206		Well No. #6A (PC)
Tbg. Size 1.660	Wt. 2.4	d 1.380	Set At 3198	Perforations: From To		Unit Sec. Twp. Rje. D 15 27 6
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.G. Dual				Packer Set At 3437		County Rio Arriba
Producing Thru Tbg.		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P _a 12
L H		Gg .0645	% CO ₂	% N ₂	% H ₂ S	Prover Meter Run Taps

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							1081		1080		15 Days
1.	Choke		0.750	97		39			576		3 Hr.
2.											
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.365		109	1.0208	0.9645	1.010	1340
2.							
3.							
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.					Specific Gravity Separator Gas _____
3.					Specific Gravity Flowing Fluid _____
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ R

P _c 1093	P _c ² 1194649	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.4073$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.3370$
NO.	P _t ²	P _w	P _w ²
1	11881	588	345744
2			
3			
4			
5			

Absolute Open Flow 1792 Mcfd @ 15.025		Angle of Slope θ _____	Slope, n 0.85
Remarks: The Well Produced 216 MCF Gas During The Test			
Approved By Commission:	Conducted By: Ernie Minert	Calculated By: H.E. McAnally	Checked By: